Systems & Control Letters 13 (1989) 459–460
North-Holland

Author Index Volume 13 (1989)

(The issue number is given in front of page numbers)

Achhab, M.E. and **S. Cherkaoui**, Stabilization of partially observed stochastic evolution systems (1) 73– 79
Agrawal, R. and **D. Teneketzis**, Certainty equivalence control with forcing: revisited (5) 405–412
Amin, M.H., Construction and parametrization of a class of minimum-time deadbeat controllers (4) 353–361
Arapostathis, A., B. Jakubczyk, H.-G. Lee, S.I. Marcus and **E.D. Sontag**, The effect of sampling on linear equivalence and feedback linearization (5) 373–381

Bambos, N. and **J. Walrand**, On the asymptotic execution time of multi-tasked processes on tandem processors (5) 391–396
Barmish, B.R., see A. Sideris (3) 233–238
Başar, T., Disturbance attenuation in LTI plants with finite horizon: Optimality of nonlinear controllers (3) 183–191
Bernstein, D.S. and **C.V. Hollot**, Robust stability for sampled-data control systems (3) 217–226
Bernussou, J., P.L.D. Peres and **J.C. Geromel**, A linear programming oriented procedure for quadratic stabilization of uncertain systems (1) 65– 72
Bitsoris, G., see M. Vassilaki (3) 247–252
Bucy, R.S. and **E. Jonckheere**, Singular filtering problems (4) 339–344

Charlet, B., J. Lévine and **R. Marino**, On dynamic feedback linearization (2) 143–151
Chen, Han-Fu, P.R. Kumar and **J.H. van Schuppen**, On Kalman filtering for conditionally Gaussian systems with random matrices (5) 397–404
Cherkaoui, S., see M.E. Achhab (1) 73– 79
Chiang, H.-D., see I. Dobson (3) 253–262
Cohen de Lara, M. and **J. Lévine**, Deterministic feedback linearization, Girsanov transformations and finite-dimensional filters (1) 81– 92
Cristi, R. and **A. Feuer**, Stability of an overparametrized model (2) 171–175
Curtain, R.F. and **H. Logemann**, Algebraic properties of systems of nuclear type (4) 291–297

Dahleh, M., Generalization of Tychonov's Theorem with applications to adaptive control of SISO delay systems (5) 421–427
Davison, E.J., see L. Qui (5) 413–420
Dayawansa, W. and **C. Martin**, A remark on a theorem of Andreini, Bacciotti and Stefani (4) 363–364
Delchamps, D.F., Extracting state information from a quantized output record (5) 365–372
Djaferis, T.E. and **C.V. Hollot**, A Routh-like test for the stability of families of polynomials with linear uncertainty (1) 23– 29
Dobson, I. and **H.-D. Chiang**, Towards a theory of voltage collapse in electric power systems (3) 253–262
Dorissen, H.T., Canonical forms for bilinear systems (2) 153–160

Feuer, A., see R. Cristi (2) 171–175
Foo, Y.K. and **Y.C. Soh**, Root clustering of interval polynomials in the left-sector (3) 239–245
Fujita, M., see K. Uchida (1) 9– 13

Georgiou, T.T. and **M.C. Smith**, w-Stability of feedback systems (4) 271–277
Geromel, J.C., see J. Bernussou (1) 65– 72
Goodwin, G.C. and **R.H. Middleton**, The class of all stable unbiased state estimators (2) 161–163

Hanzon, B., On the differentiable manifold of fixed order stable linear systems (4) 345–352
Hara, S., see R. Kondo (3) 205–210
Hara, S., see T. Sugie (2) 93– 99
Hauser, J., see S. Sastry (4) 299–314
Helmke, U., A global parametrization of asymptotically stable linear systems (5) 383–389
Hollot, C.V., see D.S. Bernstein (3) 217–226
Hollot, C.V., see T.E. Djaferis (1) 23– 29
Hordijk, A. and **F. Spieksma**, Are limits of α-discounted optimal policies Blackwell-optimal? A counterexample (1) 31– 41

Jakubczyk, B., see A. Arapostathis (5) 373–381
Jonckheere, E.A., see R.S. Bucy (4) 339–344
Jonckheere, E.A., see C. Kenney (2) 109–116

Kenney, C., A.J. Laub and **E.A. Jonckheere**, Positive and negative solutions of dual Ricatti equations by matrix sign function iteration (2) 109–116
Kokotović, P.V. and **H.J. Sussmann**, A positive real condition for global stabilization of nonlinear systems (2) 125–133
Kokotović, P.V., see S. Sastry (4) 299–314

0167-6911/89/$3.50 © 1989 Elsevier Science Publishers B.V. (North-Holland)

Kondo, R. and **S. Hara,** On cancellation in H_∞ optimal controllers (3) 205–210
Kumar, P.R., see Han-Fu Chen (5) 397–404

Laub, A.J., see C. Kenney (2) 109–116
Lee, H.-G., see A. Arapostathis (5) 373–381
Lévine, J., see B. Charlet (2) 143–151
Lévine, J., see M. Cohen de Lara (1) 81– 92
Liu, Jing-Sin and **King Yuan,** On tracking control for affine nonlinear systems by sliding mode (5) 439–443
Logemann, H., see R.F. Curtain (4) 291–297

Mansour, M., see Q.-H. Wu (3) 227–232
Marcus, S.I., see A. Arapostathis (5) 373–381
Marino, R., see B. Charlet (2) 143–151
Martin, C., see W. Dayawansa (4) 363–364
Medanić, J.V., see R.J. Veillette (3) 193–204
Michaletzky, Gy., Hankel-norm approximation of a rational function using stochastic realizations (3) 211–216
Middleton, R.H., see G.C. Goodwin (2) 161–163
Molchanov, A.P. and **Ye.S. Pyatnitskiy,** Criteria of asymptotic stability of differential and difference inclusions encountered in control theory (1) 59– 64

Nicosia, S., P. Tomei and **A. Tornambè,** An approximate observer for a class of nonlinear systems (1) 43– 51
Nicosia, S. and **A. Tornambè,** High-gain observers in the state and parameter estimation of robots having elastic joints (4) 331–337

Peres, P.L.D., see J. Bernussou (1) 65– 72
Przyłuski, K.M. and **A. Sosnowski,** On observers for linear discrete-time systems with delays and unknown disturbances (2) 165–170
Pyatnitskiy, Ye.S., see A.P. Molchanov (1) 59– 64

Qiu, L. and **E.J. Davison,** A simple procedure for the exact stability robustness computation of polynomials with affine coefficient perturbations (5) 413–420

Sastry, S., J. Hauser and **P. Kokotović,** Zero dynamics of regularly perturbed systems may be singularly perturbed (4) 299–314
Schuppen, J.H. van, see Han-Fu Chen (5) 397–404
Sideris, A., and **B.R. Barmish,** An edge theorem for polytopes of polynomials which can drop in degree (3) 233–238
Sira-Ramirez, H., Distributed sliding mode control in systems described by linear and quasilinear partial differential equations (2) 177–181
Smith, M.C., see T.T. Georgiou (4) 271–277
Soh, Y.C., see Y.K. Foo (3) 239–245
Sontag, E.D., A 'universal' construction of Artstein's theorem on nonlinear stabilization (2) 117–123
Sontag, E.D. and **Y. Yamamoto,** On the existence of approximately coprime factorizations for retarded systems (1) 53– 58
Sontag, E.D., see A. Arapostathis (5) 373–381
Sontag, E.D., see Y. Wang (4) 279–289
Sosnowski, A., see K.M. Przyłuski (2) 165–170
de Souza, C.E., see Lihua Xie (4) 315–319
Spieksma, F., see A. Hordijk (1) 31– 41
Spong, M.W., Adaptive control of flexible joint manipulators (1) 15– 21
Sugie, T. and **S. Hara,** H_∞-suboptimal control problem with boundary constraints (2) 93– 99
Sugie, T. and **M. Vidyasagar,** Further results on the robust tracking problem in two-degree-of-freedom control systems (2) 101–108
Sussmann, H.J., see P.V. Kokotović (2) 125–133

Teneketzis, D., see R. Agrawal (5) 405–412
Tesi, A. and **A. Vicino,** A new fast algorithm for robust stability analysis of linear control systems with linearly dependent parametric uncertainties (4) 321–329
Tomei, P., see S. Nicosia (1) 43– 51
Tornambè, A., see S. Nicosia (1) 43– 51
Tornambè, A., see S. Nicosia (4) 331–337
Tsinias, J., Observer design for nonlinear control systems (2) 135–142

Uchida, K. and **M. Fujita,** On the central controller: Characterizations via differential games and LEQG control problems (1) 9– 13

Vassilaki, M. and **G. Bitsoris,** Constrained regulation of linear continuous-time dynamical systems (3) 247–252
Veillette, R.J. and **J.V. Medanić,** H_∞-norm bounds for ARE-based designs (3) 193–204
Veliov, V., Second order discrete approximations to strongly convex differential inclusions (3) 263–269
Vicino, A., see A. Tesi (4) 321–329
Vidyasagar, M., see T. Sugie (2) 101–108

Walrand, J., see N. Bambos (5) 391–396
Wang, Y. and **E.D. Sontag,** On two definitions of observation spaces (4) 279–289
Wen, J.T., Finite dimensional controller design for infinite dimensional systems: The circle criterion approach (5) 445–454
Whittle, P., Entropy-minimizing and risk-sensitive control rules (1) 1– 7
Wimmer, H.K., Strong solutions of the discrete-time algebraic Ricatti equation (5) 455–457
Wu, Q.-H. and **M. Mansour,** Robust output regulation for a class of linear multivariable systems (3) 227–232

Xie, Lihua, and **C.E. de Souza,** State feedback H_∞ optimal control problems for non-detectable systems (4) 315–319

Yamamoto, Y., see E.D. Sontag (1) 53– 58
Ydstie, B.E., Stability of discrete model reference adaptive control – revisited (5) 429–438
Yuan, King, see Jing-Sin Liu (5) 439–443